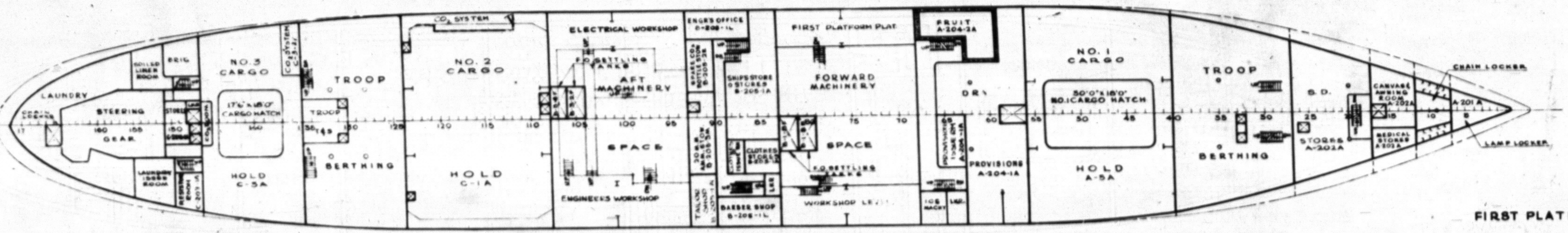
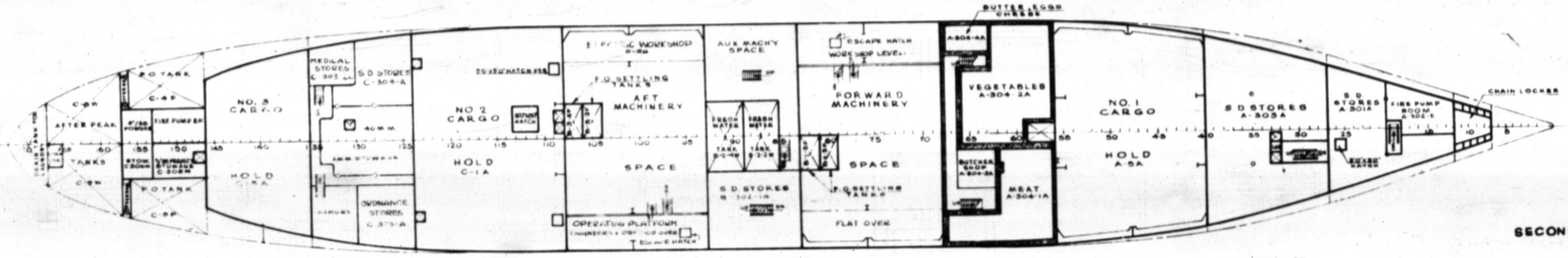
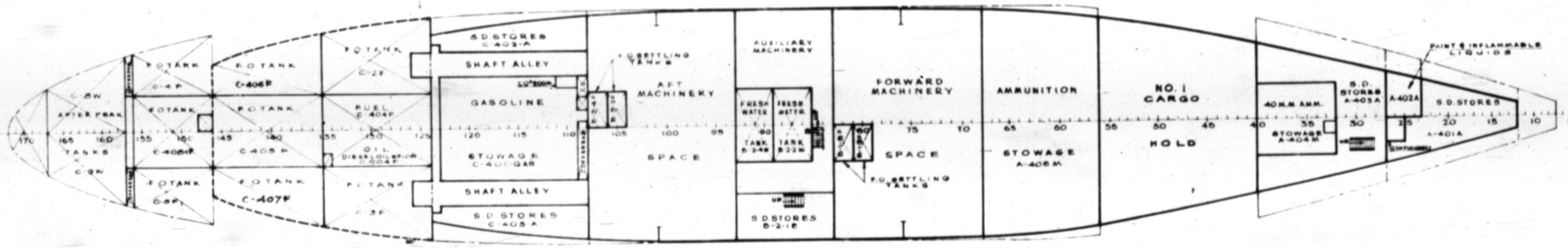
KA 41



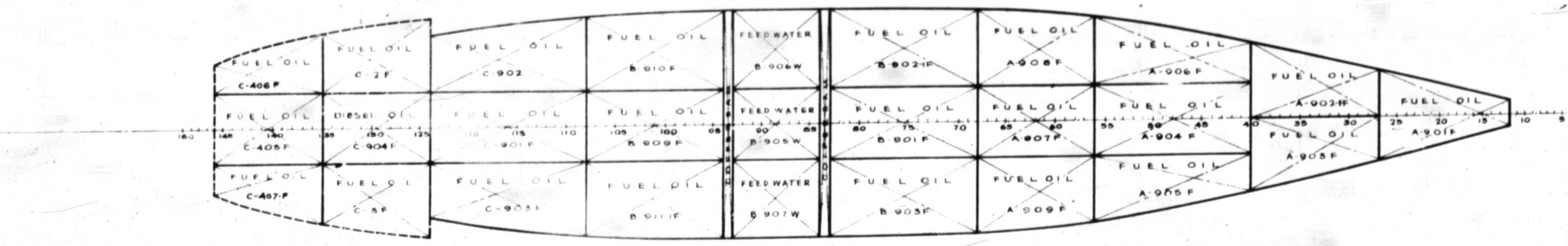
FIRST PLATFORM



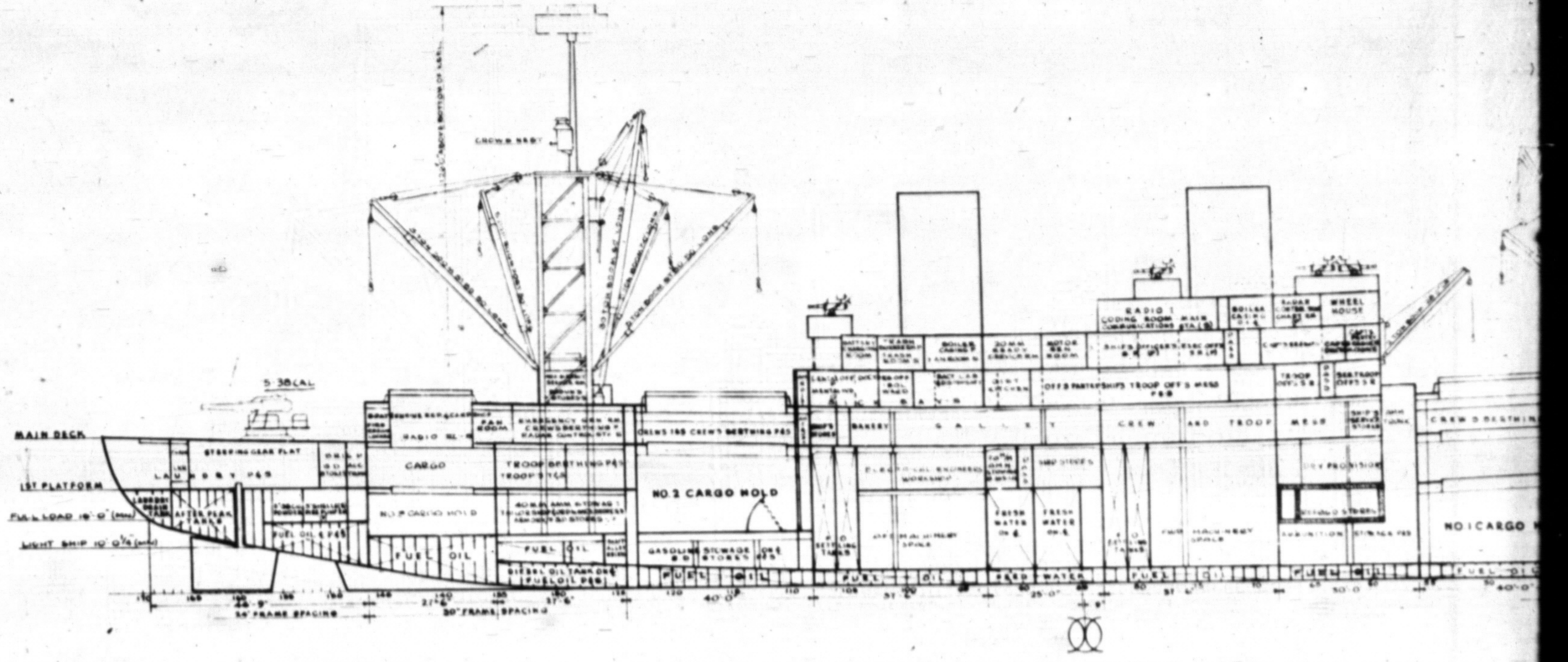
SECOND PLATFORM



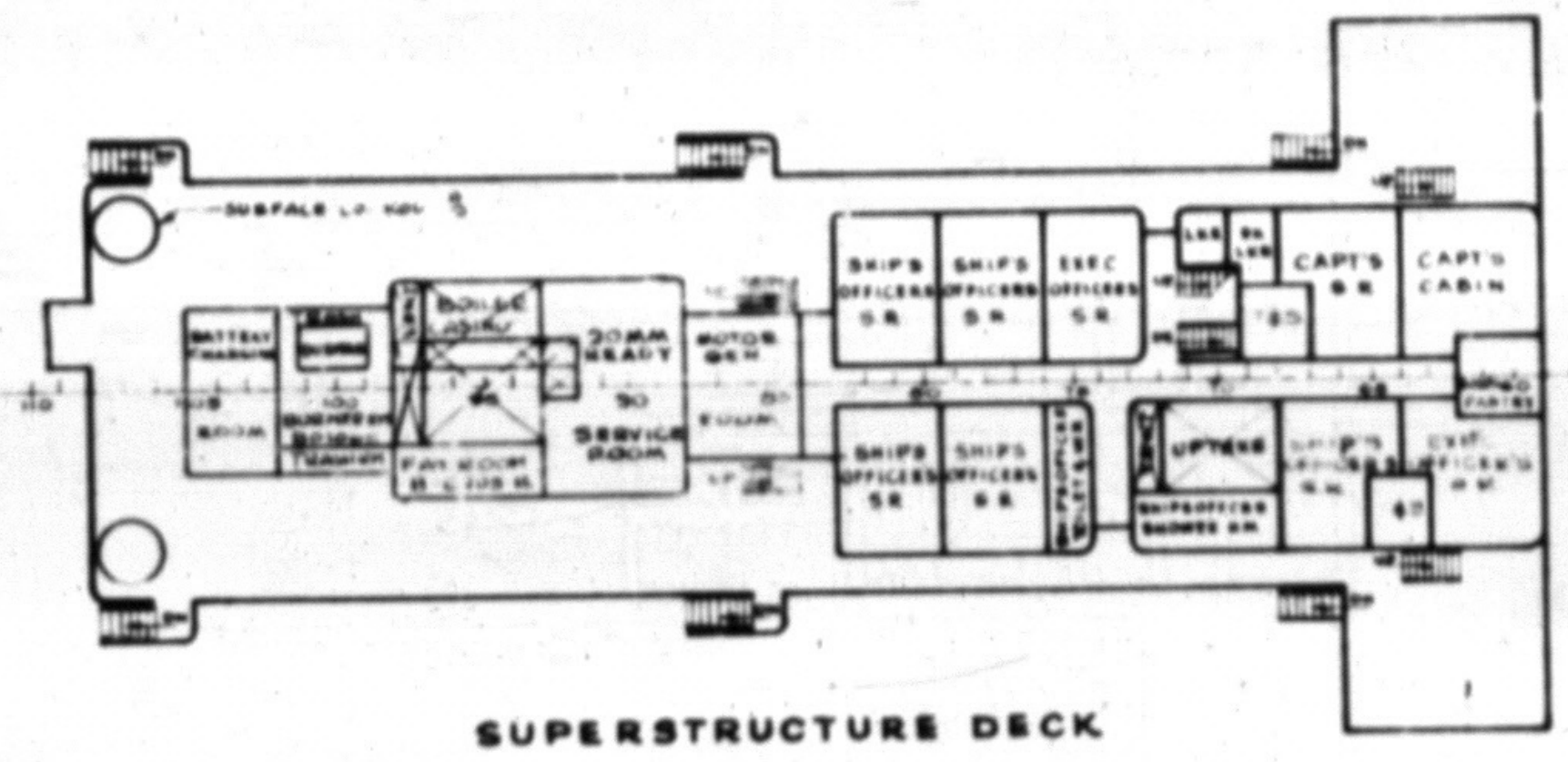
TANK TOP



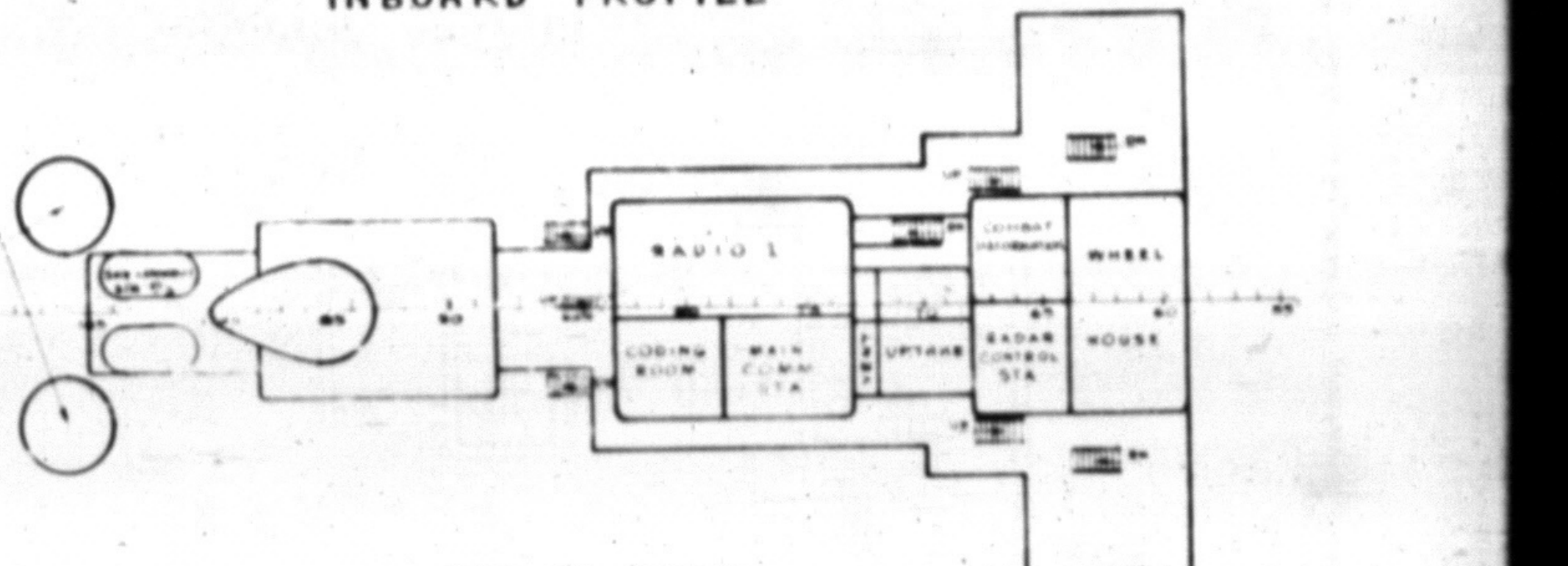
TANK ARRANGEMENT



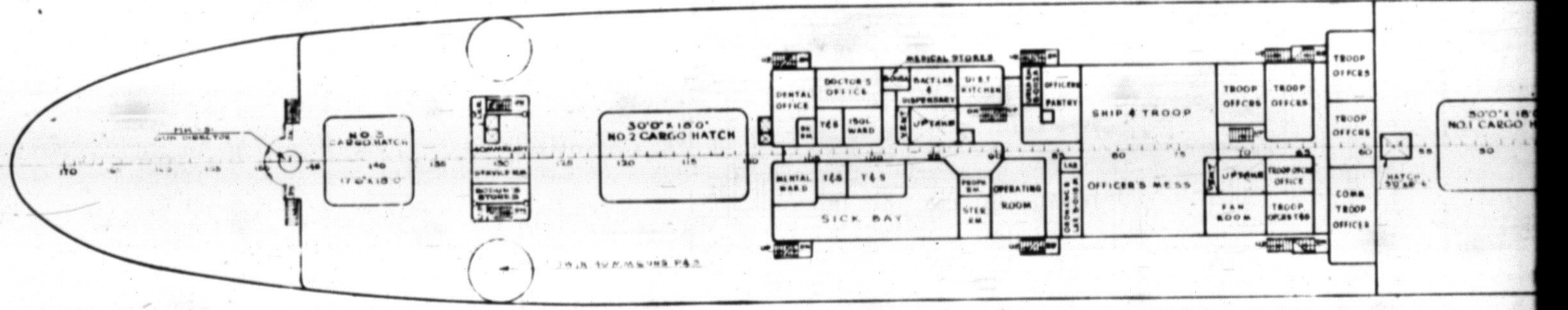
INBOARD PROFILE

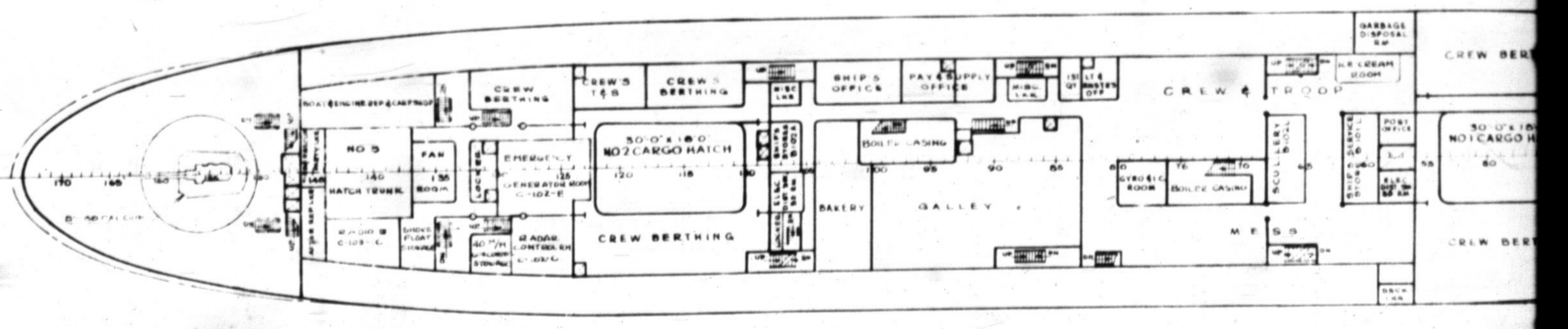


SUPERSTRUCTURE DECK

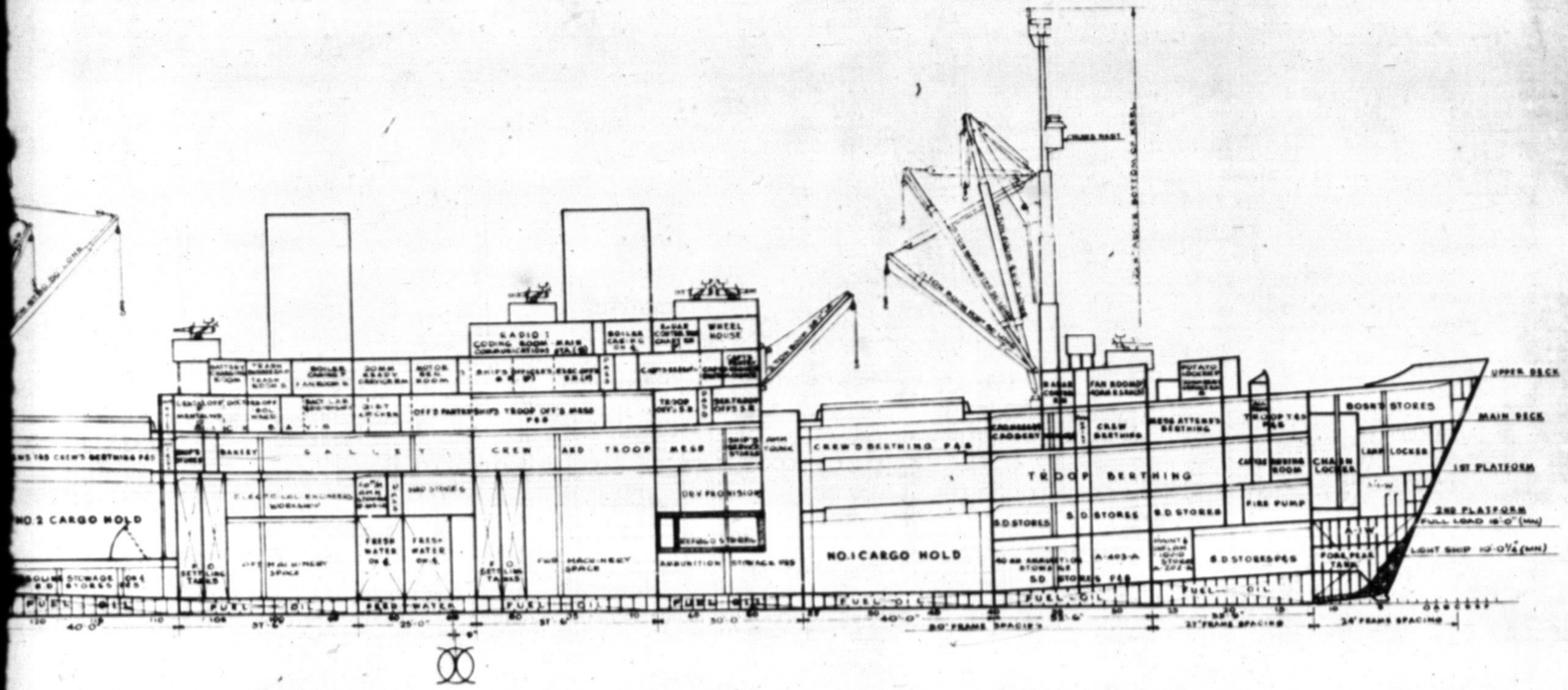


NAVIGATION DECK

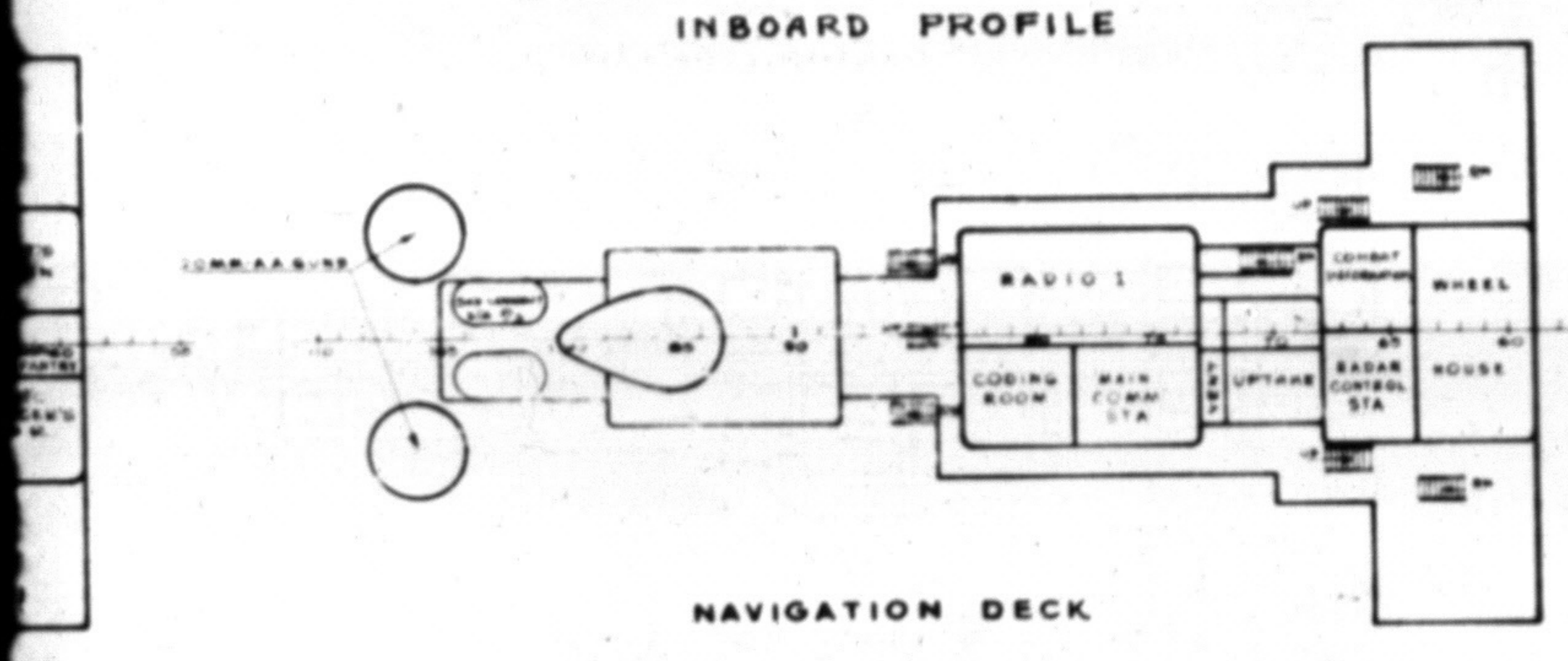




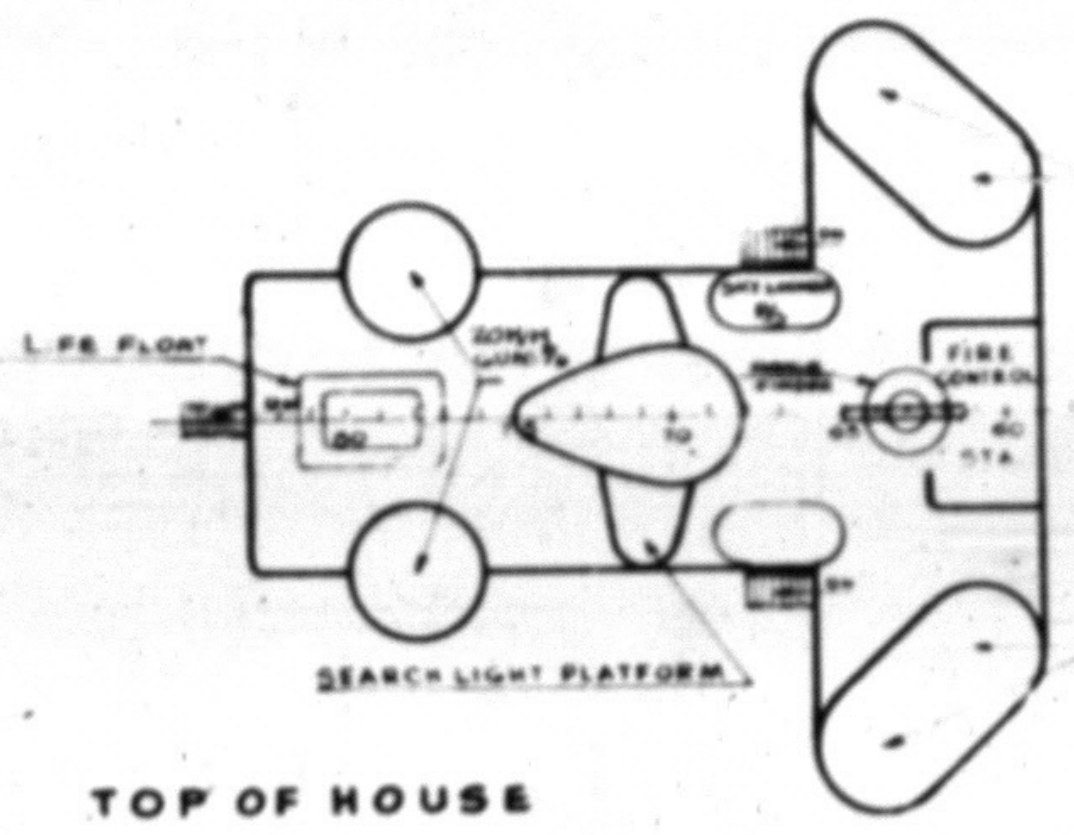
REL-25J01-9



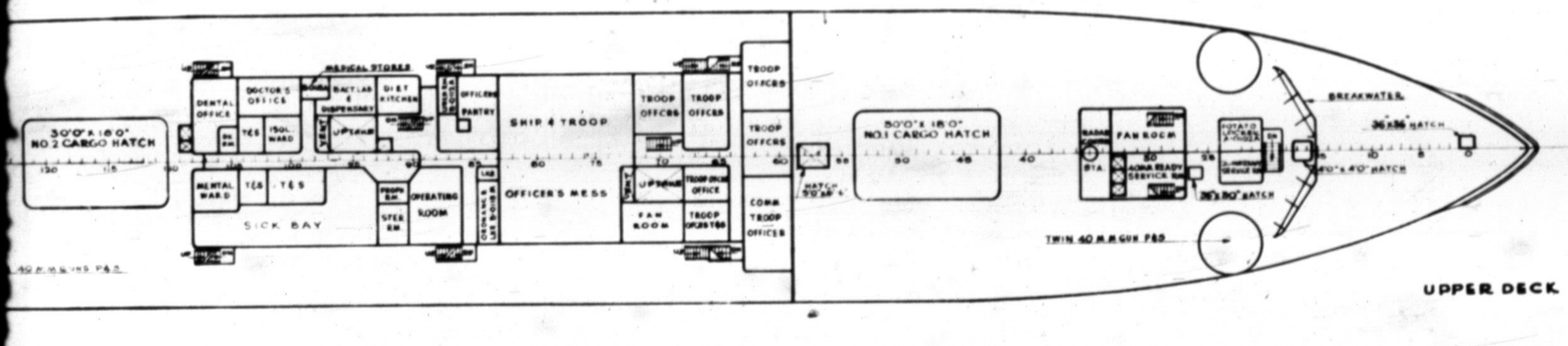
INBOARD PROFILE



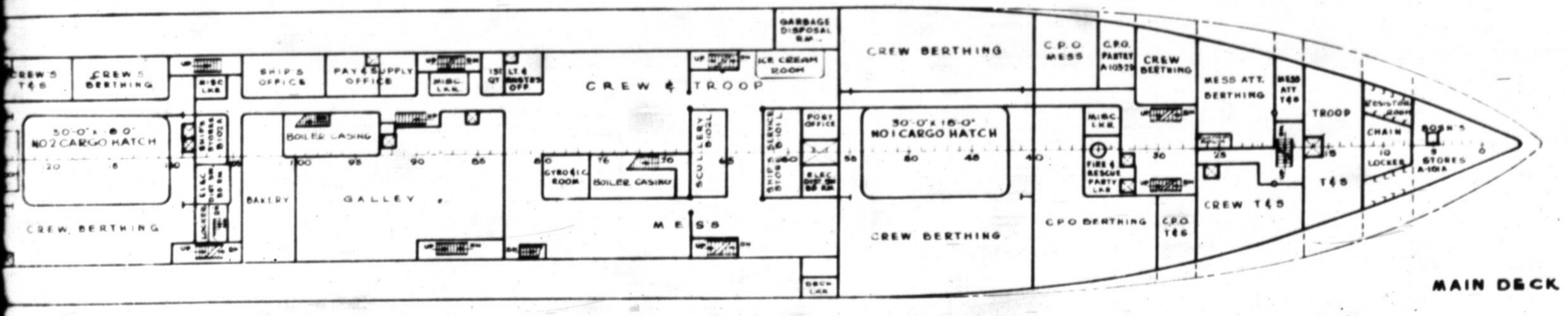
NAVIGATION DECK



TOP OF HOUSE



UPPER DECK



MAIN DECK

## FUEL OIL TANKS & FUEL OIL SETTLING TANKS

| TANK NO. | LOCATION (FRAMES) | 98% CAPACITY | | FULL CAPACITY | | VERT. C.V. ABOVE BOT. OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|---|---|
| | | GALLONS | TONS F.O. 277 G/T 37 CF/T | GALLONS | TONS F.O. 277 G/T 37 CF/T | | FWD. ⌽ | AFT ⌽ |
| **FUEL OIL TANKS** | | | | | | | | |
| A-901F | 12-27(℄) | 12460 | 45.0 | 13120 | 47.4 | 3.15 | 156.67 | |
| A-902-1F | 27-40(P) | 9390 | 33.9 | 9880 | 35.7 | 2.17 | 127.50 | |
| A-903F | 27-40(S) | 9880 | 35.7 | 10400 | 37.5 | 2.17 | 127.65 | |
| A-904F | 40-56(℄) | 15050 | 54.3 | 15820 | 57.1 | 1.56 | 91.77 | |
| A-905F | 40-56(S) | 9040 | 32.6 | 9520 | 34.4 | 1.70 | 89.27 | |
| A-906F | 40-56(P) | 9040 | 32.6 | 9520 | 34.4 | 1.70 | 89.27 | |
| A-907F | 56-68(℄) | 11240 | 40.6 | 11830 | 42.7 | 1.56 | 56.77 | |
| A-908F | 56-68(P) | 10160 | 36.7 | 10700 | 38.6 | 1.59 | 56.49 | |
| A-909F | 56-68(S) | 10160 | 36.7 | 10700 | 38.6 | 1.59 | 56.49 | |
| B-901F | 68-85(℄) | 13940 | 50.3 | 14670 | 53.0 | 1.56 | 23.10 | |
| B-902-1F | 68-85(P) | 14200 | 51.3 | 14980 | 54.0 | 1.59 | 22.92 | |
| B-903F | 68-85(S) | 14270 | 51.5 | 15020 | 54.2 | 1.59 | 23.04 | |
| B-909F | 94-108(℄) | 13040 | 47.1 | 13730 | 49.6 | 1.56 | | 40.64 |
| B-910F | 94-108(P) | 12750 | 46.0 | 13420 | 48.4 | 1.62 | | 40.16 |
| B-911-1F | 94-108(S) | 12740 | 46.0 | 13410 | 48.4 | 1.62 | | 40.20 |
| C-901F | 108-124(℄) | 18950 | 68.4 | 19950 | 72.0 | 2.04 | | 78.08 |
| C-902F | 108-124(P) | 12120 | 43.8 | 12760 | 46.1 | 2.27 | | 77.20 |
| C-903F | 108-124(S) | 12100 | 43.7 | 12740 | 46.0 | 2.27 | | 77.20 |
| C-404F | 124-135(℄) | 21410 | 77.3 | 22540 | 81.4 | 6.45 | | 111.40 |
| C- 2F | 124-135(P) | 20900 | 75.5 | 22000 | 79.4 | 7.56 | | 110.81 |
| C- 3F | 124-135(S) | 20900 | 75.5 | 22000 | 79.4 | 7.56 | | 110.81 |
| C-405F | 135-146(℄) | 25960 | 93.7 | 27330 | 98.7 | 7.45 | | 137.99 |
| C-406F | 135-146(P) | 7330 | 26.5 | 7710 | 27.8 | 9.44 | | 135.91 |
| C-407F | 135-146(S) | 7330 | 26.5 | 7710 | 27.8 | 9.44 | | 135.91 |
| C-408-1F | 146-156(℄) | 14870 | 53.7 | 15650 | 56.5 | 11.42 | | 162.55 |
| C- 4F | 146-156(P) | 14360 | 51.8 | 15120 | 54.6 | 17.38 | | 161.89 |
| C- 5F | 146-156(S) | 14360 | 51.8 | 15120 | 54.6 | 17.38 | | 161.89 |
| | TOTAL | 367,930 | 1328.6 | 387,320 | 1398.3 | | | |
| **FUEL OIL SETTLING TANKS** | | | | | | | | |
| B-1-3F | 79-81(℄) | 8050 | 29.1 | 8470 | 30.6 | 16.15 | 11.77 | |
| B-1-5F | 81-83(℄) | 8210 | 29.6 | 8640 | 31.2 | 16.07 | 6.77 | |
| B-3-2F | 104-106(℄) | 8060 | 29.1 | 8480 | 30.6 | 16.26 | | 50.77 |
| B-3-4F | 106-108(℄) | 8290 | 29.9 | 8730 | 31.5 | 16.23 | | 55.77 |
| | TOTAL | 32610 | 117.7 | 34320 | 123.9 | | | |

Ⓓ

## DIESEL OIL TANK

| TANK NO. | LOCATION (FRAMES) | 98% CAPACITY | | FULL CAPACITY | | VERT C.V. ABOVE BOT OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|---|---|
| | | GALLONS | TONS D.O. 314 G/T 41.98 CF/T | GALLONS | TONS D.O. 314 G/T 41.98 CF/T | | FWD ⌽ | AFT ⌽ |
| C-904F | 124-135(℄) | 15340 | 48.9 | 16150 | 51.4 | 3.06 | | 111.04 |

## RESERVE FEED WATER, FRESH WATER & SALT WATER BALLAST TANKS

| TANK NO. | LOCATION (FRAMES) | FULL CAPACITY | | | VERT. C.V. ABOVE BOT. OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|---|
| | | GALLONS | TONS F.W. 269 G/T 36 CF/T | TONS S.W. 262 G/T 35 CF/T | | FWD ⌽ | AFT ⌽ |
| **RESERVE FEED WATER TANKS** | | | | | | | |
| B-905W | 84-93(℄) | 8960 | 33.3 | 34.2 | 1.56 | | 9.50 |
| B-906W | 84-93(P) | 9150 | 34.0 | 34.9 | 1.58 | | 9.38 |
| B-907W | 84-93(S) | 9150 | 34.0 | 34.9 | 1.58 | | 9.38 |
| | TOTAL | 27260 | 101.3 | 104.0 | | | |
| **FRESH WATER TANKS** | | | | | | | |
| B-2-2W | 85-89(℄) | 22660 | 84.1 | 86.5 | 11.57 | | 5.77 |
| B-2-4W | 89-93(℄) | 22690 | 84.3 | 86.7 | 11.57 | | 15.77 |
| | TOTAL | 45350 | 168.4 | 173.2 | | | |
| **SALT WATER BALLAST TANKS** | | | | | | | |
| A- 1W | STEM-12℄ | 14210 | 52.8 | 54.3 | 15.26 | 187.55 | |
| C- 8W | 157-167(P) | 15750 | 58.5 | 60.2 | 17.82 | | 183.49 |
| C- 9W | 157-167(S) | 15280 | 56.7 | 58.4 | 17.74 | | 183.49 |
| | TOTAL | 45240 | 168.0 | 172.9 | | | |

## GENERAL CARGO

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A- 5A | NO.1 CARGO HOLD | 40-56 P&S | TANK TOP | 33780 | 91.85 | | 11.76 |
| A- 3A | NO.1 CARGO HOLD | 40-56 P&S | 1ST. PLAT. | 18,380 | 91.36 | | 25.78 |
| C- 1A | NO.2 CARGO HOLD | 108-124 P&S | 2ND PLAT. | 37,320 | | 78.57 | 20.10 |
| C-401GAS | GASOLINE STOWAGE | 108-123 P&S | TANK TOP | 5,840 | | 77.59 | 7.54 |
| C- 3A | NO.3 CARGO HOLD | 135-146 P&S | 2ND. PLAT. | 10,420 | | 138.05 | 16.77 |
| C- 5A | NO.3 CARGO HOLD | 135-146 P&S | 1ST. PLAT. | 10,670 | | 138.84 | 26.18 |
| | | | TOTAL | 116,410 | | | |

## S.D. STORES

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT OF KEEL |
|---|---|---|---|---|---|---|---|
| A-301A | S.D. STORES | 12-27 P&S | 2ND PLAT. | 3630 | 156.46 | | 19.41 |
| A-303A | S.D. STORES | 27-40 P&S | 2ND PLAT. | 10050 | 128.76 | | 18.36 |
| A-401A | S.D. STORES | 12-27 P&S | TANK TOP | 3920 | 162.34 | | 11.13 |
| A-403A | S.D. STORES | 27-40 P&S | TANK TOP | 7470 | 129.09 | | 9.28 |
| B-302-1A | S.D. STORES | 83-93 S | 2ND PLAT. | 3590 | | 8.38 | 15.67 |
| C-203-1A | S.D. STORES | 147-151 S | 1ST PLAT. | 730 | | 159.53 | 26.66 |
| C-303A | S.D. STORES | 124-130 S | 2ND. PLAT. | 2620 | | 108.15 | 16.04 |
| A-202A | S.D. STORES | 17-27 P&S | 1ST PLAT. | 5800 | 152.83 | | 28.36 |
| C-402A | S.D. STORES | 108-124 P | TANK TOP | 3580 | | | 7.56 |
| C-403A | S.D. STORES | 108-124 S | TANK TOP | 3580 | | 76.85 | 7.56 |
| | | | TOTAL | 44970 | | | |

## DRY PROVISIONS

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT OF KEEL |
|---|---|---|---|---|---|---|---|
| A-204-1A | DRY PROVISIONS | 56-68 P&S | 1ST PLAT. | 7340 | 60.89 | | 24.51 |
| A-0102A | POTATO LOCKER | 20-24 P | UPPER DK | 400 | 155.5 | | 46.73 |
| | | | TOTAL | 7740 | | | |

## REFRIGERATED STORES

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT OF KEEL |
|---|---|---|---|---|---|---|---|
| A-204-2A | FRUIT | 59-68 P | 1ST PLAT. | 1,900 | 55.48 | | 24.16 |
| A-304-1A | MEAT | 56-68 S | 2ND PLAT. | 3,010 | 60.82 | | 14.85 |
| A-304-2A | VEGETABLES | 56-67 P | 2ND PLAT. | 4,350 | 59.25 | | 14.97 |
| A-304-4A | BUTTER,CHEESE & EGGS | 62-68 P | 2ND PLAT. | 610 | 55.75 | | 14.97 |
| | | | TOTAL | 9870 | | | |

## BOSUN'S STORES

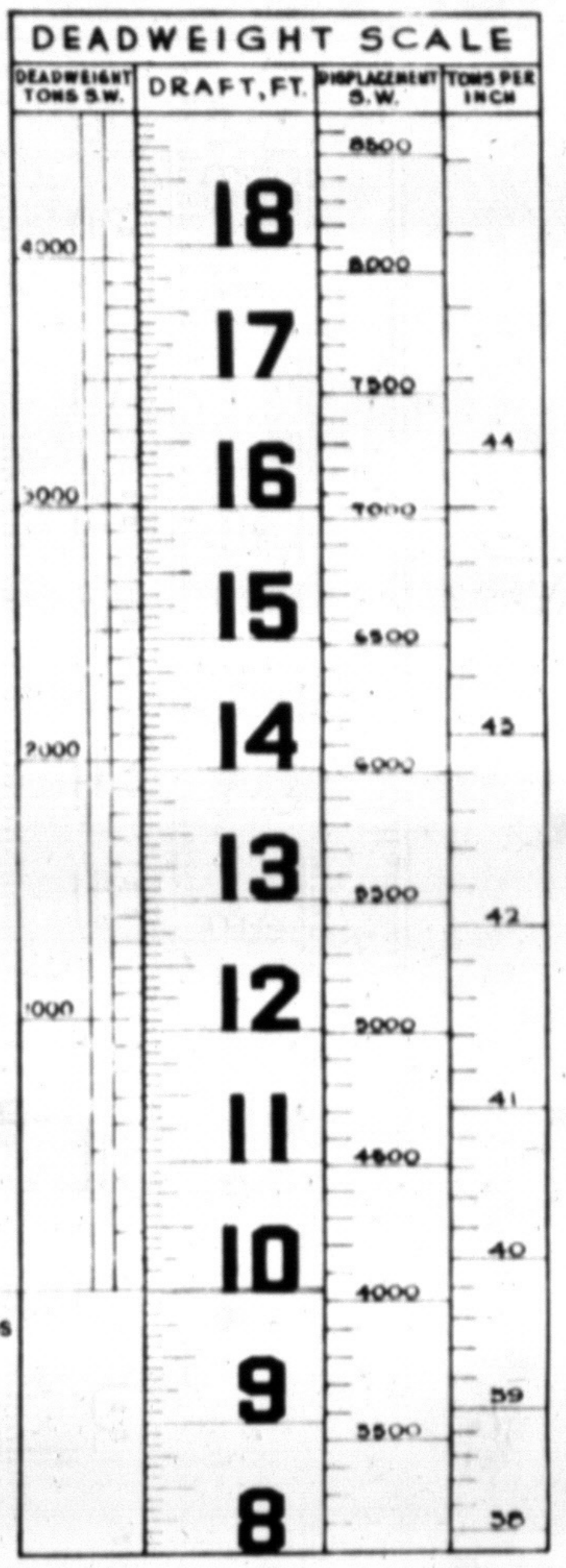
| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT OF KEEL |
|---|---|---|---|---|---|---|---|
| A-101 A | BOSUN'S STORES | BOW-12 P&S | MAIN DK | 3800 | 190.52 | | 49.28 |
| A-201 A | LAMP LOCKER | BOW-7 P&S | 1ST PLAT | 1160 | 194.58 | | 31.70 |
| A-202 A | CANVAS & AWNING ROOM | 2-17 P&S | 1ST PLAT | 1560 | 172.15 | | 30.02 |
| A-402A | PAINT & INFLAMMABLE LIQUIDS | 23-27 P | TANK TOP | 960 | 148.86 | | 10.55 |
| | | | TOTAL | 7480 | | | |

## STORES FOR PERSONNEL

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌽ | LONG'L C.V. AFT ⌽ | VERT C.V. ABOVE BOT OF KEEL |
|---|---|---|---|---|---|---|---|
| A-202A | MEDICAL STORES | 12-17 S | 1ST PLAT. | 850 | 171.56 | | 30.05 |
| B-101-A | SHIP'S STORES | 105-108 P | MAIN DK. | 800 | | 55.25 | 35.48 |
| B-101-L | SHIP'S SERVICE STORE | 59-62 P&S | MAIN DK | 1,070 | 60.50 | | 33.64 |
| B-205-1A | CLOTHES STORE | 83-86 S | 1ST PLAT. | 640 | | 0.58 | 24.32 |
| B-205-1A | MEDICAL STORES | 90-93 P | 1ST PLAT. | 880 | | 17.00 | 24.22 |
| B-205-1A | SHIP'S STORE STORES | 83-89 P&S | 1ST PLAT | 3,280 | | 2.29 | 24.30 |
| B-0103-A | MEDICAL STORES | 97-99 P | UPPER DK | 190 | | 33.50 | 41.08 |
| | | | TOTAL | 7,390 | | | |

FULL LOAD
16'-0" DRAFT
D.W. 2994 TONS

Ⓐ Ⓑ Ⓒ Ⓓ
LIGHT DRAFT
10'-0¾"
DISPL. 4046 TONS



## PRINCIPAL DIMENSIONS

LENGTH, OVERALL ___ 426'-0"
LENGTH, B.P. ___ 400'-0"
BEAM, MOLDED ___ 58'-0"
DEPTH TO UPPER DK. AT SIDE ___ 37'-0"
DEPTH TO MAIN DK. AT SIDE ___ 28'-6"

DRAFT LOADED 16'-0"

PROPELLER DIAM. 11'-6", PITCH (CONSTANT) 13'-0"

Ⓐ Ⓒ CAPACITIES AND TYPE OF WINCHES:
4-SINGLE DRUM DOUBLE SPEED 30 TON CAP, 4-DOUBLE DRUM SINGLE SPEED 30 TON CAP,
2-SINGLE DRUM SINGLE SPEED 2 TON CAP, 2-SINGLE DRUM SINGLE SPEED 5 TON CAP.

BOOMS:
- 2-2 TON BOOMS AT FR. 59
- 2-5 TON BOOMS AT FR. 34
- 4-5 TON BOOMS AT FRS. 127-131
- 1-30 TON BOOM AT FR. 34
- 1-30 TON BOOM AT FR. 127

HEIGHTS OF MASTS:

| | | |
|---|---|---|
| MAINMAST | 50'-8" | TOP OF TOPMAST 80'-8" |
| FOREMAST | 59'-0" | TOP OF TOPMAST 87'-0" |

ENGINES:
TWO TURBO ELECTRIC MAIN PROPULSION UNITS CONSISTING OF IMPULSE TURBINE ALTERNATING CURRENT GENERATOR AND SYNCHRONOUS INDUCTION TYPE MOTOR.

BOILERS:
TWO BOILERS OF THE TWO DRUM BENT TUBE DOUBLE CASING WITH CONVECTION SUPERHEATERS AND FITTED WITH EXTENDED SURFACE ECONOMIZERS.

NO

LIGHT S

Ⓓ THE LIGHT SHIP WEIGHT OF T
DEADWEIGHT DETERMINATI

THIS LIGHT SHIP WEIGHT
COMPLETE AND READY FOR
THE WEIGHT OF LIQUIDS I
LINES, FUEL OIL, SYSTEM,
STORES, MATTRESSES AND

NO. LENGTH
LANDING BOATS 2 36'
2
Ⓐ LIFE BOATS 10
LIFE RAFTS NONE

BA

| NO | TYPE | |
|---|---|---|
| 1 | 5"/38 | MA |
| 2 | 40MM TWIN | P/S |
| 2 | 40MM TWIN | P/S |
| 4 | 20MM | P/S |
| 2 | 20MM | P/S |
| 2 | 20MM | P/S |
| 2 | 20MM | P/S |

ITEMS NOT INCLUDED IN LI
FUEL OIL IN STORAGE TAN
REFRIGERATED OR DRY S
EFFECTS.

COM

SHIP'S OFFIC
ENLISTED PERSO
ENLISTED PERSO
MARINE OFFICE
MARINES

GENER

1. TANK CAPACITIES AR
WITH DEDUCTIONS FOR
WITHIN THE TANKS.
2. THE BALE CAPACITY O
TOP OF INNER BOTTOM O
BEAMS AND HATCH BEAM
SIDE, AND TO BULKHEAD
AT ENDS, WITH DEDUCTI
3. THE CAPACITIES OF
FEET ARE BALE CAPA

THE FOLLOWING CON
1 TON
1 TON SALT
1 " FRES
1 " FUEL
1 " DIES
1 BARREL
1 CUBIC FO

NO. | PLAN NO.

REFERE

℄ FUEL OIL SETTLING TANKS

| | 98% CAPACITY | | FULL CAPACITY | | VERT. C.V. ABOVE BOT. OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|---|
| | GALLONS | TONS F.O. 277 G/T 37 CF/T | GALLONS | TONS F.O. 277 G/T 37 CF/T | | FWD ⌶ | AFT ⌶ |
| ) | 12480 | 45.0 | 13120 | 47.4 | 3.15 | 158.67 | |
| ) | 9390 | 33.9 | 9880 | 35.7 | 2.17 | 127.30 | |
| ) | 9880 | 35.7 | 10400 | 37.5 | 2.17 | 127.65 | |
| ) | 15050 | 54.3 | 15820 | 57.1 | 1.56 | 91.77 | |
| ) | 9040 | 32.6 | 9520 | 34.4 | 1.70 | 89.27 | |
| ) | 9040 | 32.6 | 9520 | 34.4 | 1.70 | 89.27 | |
| ) | 11240 | 40.6 | 11830 | 42.7 | 1.56 | 56.77 | |
| ) | 10160 | 36.7 | 10700 | 38.6 | 1.59 | 56.49 | |
| ) | 10160 | 36.7 | 10700 | 38.6 | 1.59 | 56.49 | |
| ) | 13940 | 50.3 | 14670 | 53.0 | 1.56 | 23.10 | |
| ) | 14200 | 51.3 | 14980 | 54.0 | 1.59 | 22.92 | |
| | 14270 | 51.5 | 15020 | 54.2 | 1.59 | 23.06 | |
| ) | 13040 | 47.1 | 13730 | 49.6 | 1.56 | | 40.64 |
| (P) | 12750 | 46.0 | 13420 | 48.4 | 1.62 | | 40.16 |
| (S) | 12740 | 46.0 | 13410 | 48.4 | 1.62 | | 40.20 |
| (℄) | 18950 | 68.4 | 19950 | 72.0 | 2.04 | | 78.08 |
| (P) | 12120 | 43.8 | 12760 | 46.1 | 2.27 | | 77.20 |
| (S) | 12100 | 43.7 | 12740 | 46.0 | 2.27 | | 77.20 |
| (℄) | 21410 | 77.3 | 22540 | 81.4 | 6.45 | | 111.40 |
| (P) | 20900 | 75.5 | 22000 | 79.4 | 7.56 | | 110.81 |
| (S) | 20900 | 75.5 | 22000 | 79.4 | 7.56 | | 110.81 |
| (℄) | 25960 | 93.7 | 27330 | 98.7 | 7.45 | | 137.99 |
| (P) | 7330 | 26.5 | 7710 | 27.8 | 9.44 | | 185.91 |
| (S) | 7330 | 26.5 | 7710 | 27.8 | 9.44 | | 185.91 |
| (℄) | 14870 | 53.7 | 15650 | 56.5 | 11.42 | | 162.33 |
| (P) | 14360 | 51.8 | 15120 | 54.6 | 17.38 | | 161.89 |
| (S) | 14360 | 51.8 | 15120 | 54.6 | 17.38 | | 161.89 |
| L | 367,930 | 1328.5 | 387,320 | 1398.5 | | | |
| LING TANKS | | | | | | | |
| (℄) | 8080 | 29.1 | 8470 | 30.6 | 16.15 | 11.77 | |
| (℄) | 8210 | 29.6 | 8640 | 31.2 | 16.07 | 6.77 | |
| (℄) | 8060 | 29.1 | 8480 | 30.6 | 16.26 | | 50.77 |
| (℄) | 8290 | 29.9 | 8730 | 31.5 | 16.23 | | 55.77 |
| L | 32610 | 117.7 | 34320 | 123.9 | | | |

ANK

| ON (…) | 98% CAPACITY | | FULL CAPACITY | | VERT. C.V. ABOVE BOT. OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|---|
| | GALLONS | TONS D.O. 314 G/T 41.98 CF/T | GALLONS | TONS D.O. 314 G/T 41.98 CF/T | | FWD ⌶ | AFT ⌶ |
| (℄) | 15340 | 48.9 | 16150 | 51.4 | 3.06 | | 111.04 |

WATER, FRESH WATER & SALT WATER BALLAST TANKS

| ON (…) | FULL CAPACITY | | | VERT. C.V. ABOVE BOT. OF KEEL | LONG'L C.V. | |
|---|---|---|---|---|---|---|
| | GALLONS | TONS F.W. 269.30 G/T 36 CF/T | TONS S.W. 261.82 G/T 35 CF/T | | FWD ⌶ | AFT ⌶ |
| WATER TANKS | | | | | | |
| 5(℄) | 8960 | 33.3 | 34.2 | 1.56 | | 9.50 |
| 5(P) | 9150 | 34.0 | 34.9 | 1.58 | | 9.58 |
| 5(S) | 9150 | 34.0 | 34.9 | 1.58 | | 9.58 |
| AL | 27260 | 101.3 | 104.0 | | | |
| TANKS | | | | | | |
| 9(℄) | 22660 | 84.1 | 86.5 | 11.57 | | 5.77 |
| 5(℄) | 22690 | 84.3 | 86.7 | 11.57 | | 15.77 |
| AL | 45350 | 168.4 | 173.2 | | | |
| ALLAST TANKS | | | | | | |
| 124 | 14210 | 52.8 | 54.3 | 15.26 | 187.55 | |
| 7(P) | 15750 | 58.5 | 60.2 | 17.82 | | 185.49 |
| 7(S) | 15280 | 56.7 | 58.4 | 17.74 | | 185.49 |
| AL | 45240 | 168.0 | 172.9 | | | |

GENERAL CARGO

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A- 5A | NO.1 CARGO HOLD | 40-56 P&S | TANK TOP | 35780 | 91.85 | | 11.76 |
| A- 5A | NO.1 CARGO HOLD | 40-56 P&S | 1ST PLAT. | 18,380 | 91.56 | | 25.78 |
| C- 1A | NO.2 CARGO HOLD | 108-124 P&S | 2ND PLAT. | 37,320 | | 78.57 | 20.10 |
| C-401 GAS | GASOLINE STOWAGE | 108-123 P&S | TANK TOP | 5,840 | | 77.59 | 7.54 |
| C- 3A | NO.3 CARGO HOLD | 135-146 P&S | 2ND PLAT. | 10,420 | | 138.05 | 16.77 |
| C- 3A | NO.3 CARGO HOLD | 135-146 P&S | 1ST PLAT. | 10,670 | | 138.84 | 26.18 |
| | | | TOTAL | 116,410 | | | |

S.D. STORES

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A-301A | S.D. STORES | 12-27 P&S | 2ND PLAT. | 3630 | 156.46 | | 19.41 |
| A-303A | S.D. STORES | 27-40 P&S | 2ND PLAT. | 10050 | 128.76 | | 18.36 |
| A-401A | S.D. STORES | 12-27 P&S | TANK TOP | 3920 | 162.34 | | 11.13 |
| A-403A | S.D. STORES | 27-40 P&S | TANK TOP | 7470 | 129.09 | | 9.28 |
| B-302-1A | S.D. STORES | 83-93 S | 2ND PLAT. | 3590 | | 8.38 | 15.67 |
| C-203-1A | S.D. STORES | 147-151 S | 1ST PLAT. | 730 | | 159.55 | 26.86 |
| C-303A | S.D. STORES | 124-130 S | 2ND PLAT. | 2620 | | 108.15 | 16.04 |
| A-202A | S.D. STORES | 17-27 P&S | 1ST PLAT. | 5500 | 152.83 | | 28.36 |
| C-402A | S.D. STORES | 108-124 P | TANK TOP | 3580 | | | 7.56 |
| C-403A | S.D. STORES | 108-124 S | TANK TOP | 3580 | | 76.85 | 7.56 |
| | | | TOTAL | 44970 | | | |

DRY PROVISIONS

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A-2044A | DRY PROVISIONS | 56-68 P&S | 1ST PLAT. | 7340 | 60.89 | | 24.51 |
| A-0102A | POTATO LOCKER | 20-24 P | UPPER DK. | 400 | 155.5 | | 46.73 |
| | | | TOTAL | 7740 | | | |

REFRIGERATED STORES

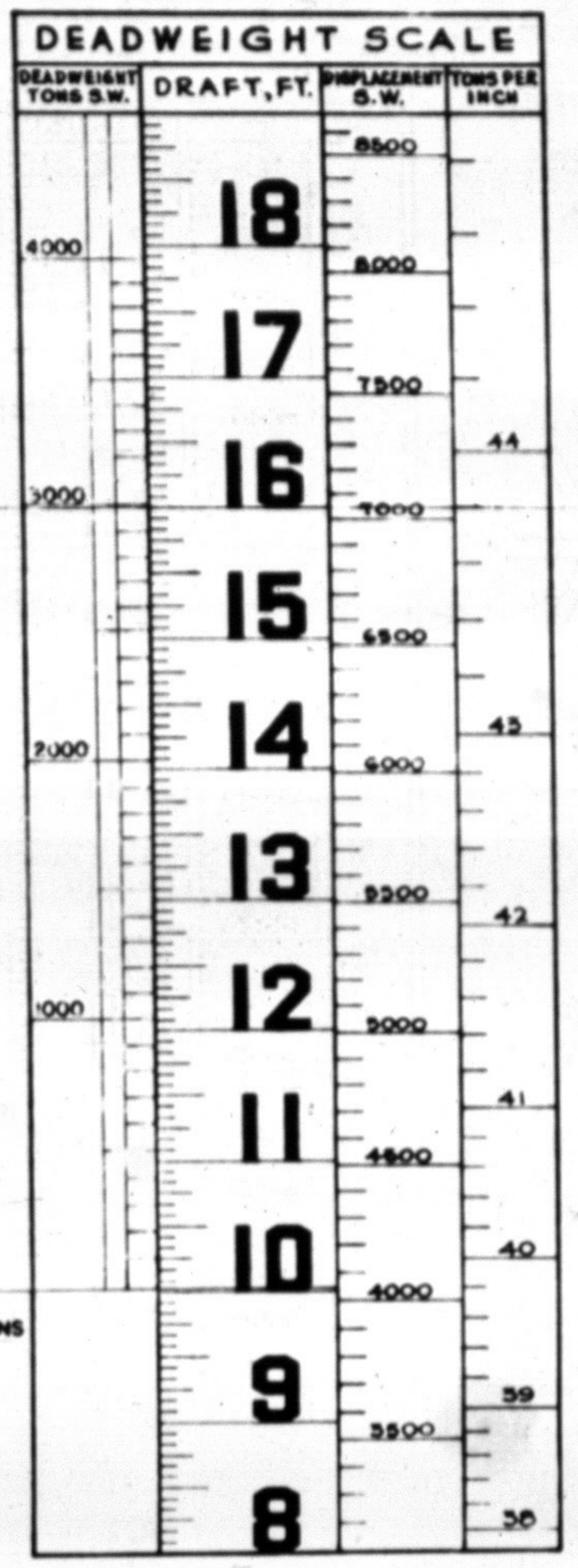
| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A-2042A | FRUIT | 59-68 P | 1ST PLAT. | 1,900 | 55.48 | | 24.16 |
| A-3041A | MEAT | 56-68 S | 2ND PLAT. | 3,010 | 60.82 | | 14.85 |
| A-3042A | VEGETABLES | 56-67 P | 2ND PLAT. | 4,350 | 59.25 | | 14.97 |
| A-3044A | BUTTER, CHEESE & EGGS | 62-68 P | 2ND PLAT. | 610 | 55.75 | | 14.97 |
| | | | TOTAL | 9870 | | | |

BOSUN'S STORES

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A-101A | BOSUN'S STORES | BOW-12 P&S | MAIN DK. | 3800 | 190.52 | | 45.28 |
| A-201A | LAMP LOCKER | BOW-7 P&S | 1ST PLAT. | 1160 | 194.58 | | 31.70 |
| A-202A | CANVAS & AWNING ROOM | 12-17 P&S | 1ST PLAT. | 1560 | 172.15 | | 30.02 |
| A-402A | PAINT & INFLAMMABLE LIQUIDS | 23-27 P | TANK TOP | 960 | 148.86 | | 10.55 |
| | | | TOTAL | 7480 | | | |

STORES FOR PERSONNEL

| COMPT NO. | SPACE | LOCATION (FRAMES) | DECK | BALE VOLUME CU. FT. | LONG'L C.V. FWD ⌶ | LONG'L C.V. AFT ⌶ | VERT. C.V. ABOVE BOT. OF KEEL |
|---|---|---|---|---|---|---|---|
| A-202A | MEDICAL STORES | 12-17 S | 1ST PLAT. | 850 | 171.56 | | 30.05 |
| B-101-A | SHIP'S STORES | 105-108 P | MAIN DK. | 500 | | 55.25 | 33.48 |
| B-101-L | SHIP'S SERVICE STORE | 59-62 P&S | MAIN DK. | 1,070 | 60.50 | | 33.84 |
| B-205-1A | CLOTHES STORE | 83-86 S | 1ST PLAT. | 640 | | 0.58 | 24.32 |
| B-205-1A | MEDICAL STORES | 90-93 P | 1ST PLAT. | 880 | | 17.00 | 24.22 |
| B-205-1A | SHIP'S STORE STORES | 83-89 P&S | 1ST PLAT. | 3,280 | | 2.29 | 24.30 |
| B-0103-A | MEDICAL STORES | 97-99 P | UPPER DK. | 190 | | 33.50 | 41.08 |
| | | | TOTAL | 7,390 | | | |



FULL LOAD
16'-0" DRAFT
D.W. 2994 TONS

Ⓐ Ⓑ Ⓒ Ⓓ
LIGHT DRAFT
10'-0¼"
DISPL. 4046 TONS

## PRINCIPAL DIMENSIONS

LENGTH, OVERALL — 426'-0"
LENGTH, B.P. — 400'-0"
BEAM, MOLDED — 58'-0"
DEPTH TO UPPER DK. AT SIDE — 37'-0"
DEPTH TO MAIN DK. AT SIDE — 28'-6"

DRAFT LOADED 16'-0"

PROPELLER DIAM. 11'-6", PITCH (CONSTANT) 13'-0"

Ⓐ Ⓒ CAPACITIES AND TYPE OF WINCHES:
4-SINGLE DRUM DOUBLE SPEED 30 TON CAP., 4-DOUBLE DRUM SINGLE SPEED 30 TON CAP.,
2-SINGLE DRUM SINGLE SPEED 2 TON CAP., 2-SINGLE DRUM SINGLE SPEED 5 TON CAP.

BOOMS:
2-2 TON BOOMS AT FR. 59
2-5 TON BOOMS AT FR. 34
4-5 TON BOOMS AT FRS. 127-131
1-30 TON BOOM AT FR. 34
1-30 TON BOOM AT FR. 127

HEIGHTS OF MASTS:

| | | |
|---|---|---|
| MAINMAST | 50'-8" | TOP OF TOPMAST 80'-8" |
| FOREMAST | 59'-0" | TOP OF TOPMAST 87'-0" |

ENGINES:
TWO TURBO ELECTRIC MAIN PROPULSION UNITS CONSISTING OF IMPULSE TURBINE ALTERNATING CURRENT GENERATOR AND SYNCHRONOUS INDUCTION TYPE MOTOR.

BOILERS:
TWO BOILERS OF THE TWO DRUM BENT TUBE DOUBLE CASING WITH CONVECTION SUPERHEATERS AND FITTED WITH EXTENDED SURFACE ECONOMIZERS.

## NOTES

### LIGHT SHIP WEIGHT

Ⓓ THE LIGHT SHIP WEIGHT OF THE VESSEL AS DETERMINED FROM A DEADWEIGHT DETERMINATION MADE ON HULL 1901 IS 4046 TONS.

THIS LIGHT SHIP WEIGHT IS THE WEIGHT OF THE VESSEL COMPLETE AND READY FOR SEA IN EVERY RESPECT. IT INCLUDES THE WEIGHT OF LIQUIDS IN MACHINERY, FIRE AND SANITARY LINES, FUEL OIL, SYSTEM, SPARE PARTS, BOATSWAIN AND DECK STORES, MATTRESSES AND BEDDING, ALSO INCLUDED:

| | NO. | LENGTH | PERSONS | TYPE | LOCATION | WEIGHT |
|---|---|---|---|---|---|---|
| LANDING BOATS | 12 | 36' | | L.C.V.P. | [illegible] | 15,000# EA |
| " " | 2 | 50' | | L.C.M. | [illegible] | 45,000# EA |
| Ⓐ LIFE FLOATS | 10 | 9' | 25 | BALSAWOOD | P&S MAIN DECK | 300# EA |
| LIFE RAFTS | NONE | | | | | |

BATTERY

| NO. | TYPE | LOCATION | WEIGHT (LBS) |
|---|---|---|---|
| 1 | 5"/38 | MAIN DECK FR. 157 ℄ | 34500 |
| 2 | 40 MM TWIN | P/S FR. 25 UPPER DECK | 15000 EA |
| 2 | 40 MM TWIN | P/S FR. 130 UPPER DECK | " " |
| 4 | 20 MM | P/S FR. 61-64 TOP OF HOUSE | 1680 EA. |
| 2 | 20 MM | P/S FR. 78 TOP OF HOUSE | " " |
| 2 | 20 MM | P/S FR. 106 NAV. DECK | " " |
| 2 | 20 MM | P/S FR. 28½ TOP OF HOUSE | " " |

ITEMS NOT INCLUDED IN LIGHT SHIP WEIGHT ARE: AMMUNITION, FUEL OIL IN STORAGE TANKS, FRESH WATER, CARGO, CONSUMMABLE REFRIGERATED OR DRY STORES, PASSENGERS, CREW OR THEIR EFFECTS.

### COMPLEMENT

| | | |
|---|---|---|
| SHIP'S OFFICERS | 19 | |
| ENLISTED PERSONNEL C.P.O. | 21 | |
| ENLISTED PERSONNEL OTHERS | 240 | 280 |
| MARINE OFFICERS | 5 | |
| MARINES | 262 | 267 |
| TOTAL | | 547 |

### GENERAL NOTES

1. TANK CAPACITIES ARE BASED ON THE MOLDED VOLUMES WITH DEDUCTIONS FOR STEEL STRUCTURE AND PIPING WITHIN THE TANKS.
2. THE BALE CAPACITY OF A SPACE IS THE VOLUME FROM TOP OF INNER BOTTOM OR CEILING TO UNDER SIDE OF DECK BEAMS AND HATCH BEAMS ABOVE, TO CARGO BATTENS AT SIDE, AND TO BULKHEAD STIFFENERS, PLATING OR BATTENS AT ENDS, WITH DEDUCTIONS FOR INTERVENING STRUCTURE
3. THE CAPACITIES OF STORES SPACES IN NET CUBIC FEET ARE BALE CAPACITIES

THE FOLLOWING CONVERSION VALUES ARE USED:

| | |
|---|---|
| 1 TON | 2240 LBS. |
| 1 TON SALT WATER | 35 CU. FT. |
| 1 " FRESH " | 36 " " |
| 1 " FUEL OIL | 37 " " |
| 1 " DIESEL OIL | 41.98 " " |
| 1 BARREL | 42 GALS. |
| 1 CUBIC FOOT | 7.48 " |

| NO. | PLAN NO. | TITLE |
|---|---|---|

REFERENCE PLANS

## ALTERATIONS

| ALT. NO. | PANEL (TEM) | | DESCRIPTION | MADE BY | DESIGN AGENT DATE | DESIGN AGENT APPD | USMC DATE | USMC APPD |
|---|---|---|---|---|---|---|---|---|
| A | 2,3 | | DEADWEIGHT SCALE AND MACHINERY DATA ADDED EFFECTIVE HULL [illegible] | AJM 12-7-44 | | | | |
| B | 2,3 | | LIGHT SHIP & DEADWEIGHT TONNAGE ALTERED TO AGREE WITH 2ND SUBMITTAL OF DEADWT CERTIFICATE EFFECTIVE HULLS 1882 [illegible] | AJM 1-17-45 | | | | |
| C | 2,3 | | LIGHT SHIP & DEADWEIGHT TONNAGE ALTERED TO AGREE WITH DEADWT. CERT. [illegible] DATA ALTERED EFF HULLS 19 - 1901 | AJM 4-?-45 | | | | |
| D | | | LIGHTSHIP & DEADWEIGHT TONNAGE ALTERED TO AGREE WITH SUB-MITTAL OF DEADWEIGHT CERTI-FICATE, CORRECTED [illegible] REVISED [illegible] IN GENERAL. EFFECTIVE HULLS 1902-1913. | PAC 5-14-45 AJM | | | | |

| HULL NUMBERS USMC | HULL NUMBERS BLDR | HULL NUMBERS USN | NAME | CONTRACTOR |
|---|---|---|---|---|
| 1913 | 1913 | 52 | | |
| 1912 | 1912 | 51 | | |
| 1911 | 1911 | 50 | | |
| 1910 | 1910 | 49 | | |
| 1909 | 1909 | 48 | | |
| 1908 | 1908 | 47 | | |
| 1907 | 1907 | 46 | | |
| 1906 | 1906 | 45 | | |
| 1905 | 1905 | 44 | | |
| 1904 | 1904 | 43 | | |
| 1903 | 1903 | 42 | | |
| 1902 | 1902 | 41 | | |
| 1901 | 1901 | 40 | | |
| 1900 | 1900 | 39 | | |
| 1899 | 1899 | 38 | | |
| 1898 | 1898 | 37 | | |
| 1897 | 1897 | 36 | | |
| 1896 | 1896 | 35 | | |
| 1895 | 1895 | 34 | | |
| 1894 | 1894 | 33 | | |
| 1893 | 1893 | 32 | | |
| 1892 | 1892 | 31 | | |
| 1891 | 1891 | 30 | | |
| 1890 | 1890 | 29 | | |
| 1889 | 1889 | 28 | | |
| 1888 | 1888 | 27 | | |
| 1887 | 1887 | 26 | | |
| 1886 | 1886 | 25 | | |
| 1885 | 1885 | 24 | | |
| 1884 | 1884 | 23 | | |
| 1883 | 1883 | 22 | | |
| 1882 | 1882 | 21 | | WALSH-KAISER CO. |

COMBAT LOADED CARGO VESSEL
DESIGN S4-SE2-BE1
UNITED STATES MARITIME COMMISSION
WEST COAST REGIONAL OFFICE
OAKLAND, CALIFORNIA

# CAPACITY PLAN
## U.S.S. SELINUR
## A.K.A. 41

P. L. JOSLYN
M. J. RYAN
MARINE ENGINEERS — NAVAL ARCHITECTS
149 NEW MONTGOMERY ST. — SAN FRANCISCO, CALIF.

PLAN NO. BE1-S2901-3 ALT. D

| | | | |
|---|---|---|---|
| DRAWN BY | N. F. Crowell | SCALE | 1/16" = 1'-0" |
| TRACED BY | | DATE | JAN. 14, 1944 |
| CHECKER | | SUPERVISOR | [illegible] |
| APPROVED | E. M. Brangan | APPROVED | M. J. Ryan |

APPROVALS
USMC
ABS
USCG E. W. O'Brien 1/14/44 for H. E. St. Clair

U.S.M.C. PLAN NUMBER
1882-S29-1-2 ALT.

BUREAU OF SHIPS PLAN NUMBER
AKA 21-S2901-457166 ALT.

| NO. | KIND | ISSUED TO | PURPOSE | DATE | APP |
|---|---|---|---|---|---|